UTAH CTE SKILL CERTIFICATION

AUTOMOTIVE SERVICE TECHNICIAN STUDENT PERFORMANCE EVALUATION SUSPENSION AND STEERING

St	nd	en	t	N	an	14

The performance evaluation is a required component of the Skill Certification process. Each student must be evaluated on the required performance standards. Performance standards may be completed and evaluated anytime during the course.

- . Students should be aware of their progress throughout the course, so that they can concentrate on the objectives that need
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a number 1 or 2 on the rating scale (moderately to highly competent level).
- 1= highly competent Successfully demonstrated without supervision
- 2= moderately competent Successfully demonstrated with limited supervision Demonstrated with close supervision
- 3= limited competence
- Demonstration requires direct instruction and supervision 4= not competent
- When a standard has been achieved at a minimum of 80% (moderately to highly competent level). "Y" (Y=YES) is recorded on the last line of that standard, on the performance evaluation sheet. If a student does not achieve a 1 or a 2 (moderately to highly competent level), then "N" (N=NO) is recorded on the last line of that standard.
- All performance standards MUST be completed and evaluated prior to the written test.
- The teacher will bubble in "A" on the answer sheet for item #81 for students who have achieved "Y" on ALL performance
- The teacher will bubble in "B" on the answer sheet for item #81 for students who have ONE or more "N's" on the performance standards.
- The signed performance evaluation sheet(s) MUST be kept in the teachers' file for two years.
- · A copy is also kept on file with the school's ATE Skill Certification testing coordinator for two years.

Students who achieve a 1 or a 2 (moderately to highly competent) on ALL performance standards and 80% on the written test will be issued an ATE Skill Certificate.

47	1	2	3	4		
	Pass the safety test with a score of 100%.					
	Identify the different types and hazards of solvents used in automotive.					
	Identify the different types, purposes, and hazards of automotive greases, oils, and additives.					
	Identify precautions in the use, handling, and storage of various automotive solvents, cleaners, oils, greases, and additives.					
	Identify the gasses encountered in the automotive field and the hazards they present.					
	Identify the hazards and control of asbestos dust.					
	Comply with safety rules for working with automotive chemicals (MSDS).					
470604- Students will be able to understand general suspension and steering systems $egin{array}{c c} 1 & 2 & 3 & 4 \\ \hline \end{array}$						
	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction. P-1					
	Identify and interpret suspension and steering concern; determine necessary action. P-1					
_	Research applicable vehicle and service information, such as suspension and steering system operation, vehicle service history, service precautions, and technical service bulletins. P-1 Locate and interpret vehicle and major component identification numbers (VIN, vehicle certification labels, calibration decals). P-1					

	Disable and enable supplemental restraint system (SRS). P-1				
	Remove and install steering wheel; center/time supplemental restraint system (SRS) coil (clock spring). P-1				
	Diagnose steering column noises, looseness, and binding concerns (including tilt mechanisms); determing necessary action. P-2				
	Diagnose power steering gear (non-rack and pinion) binding, uneven turning effort, looseness, hard steering, noise, and fluid leakage concerns; determine necessary action. P-3				
Diagnose power steering gear (rack and pinion) binding, uneven turning effort, looseness, hard steering, noise, and fluid leakage concerns; determine necessary action. P-3					
	Inspect steering shaft universal-joint(s), flexible coupling(s), collapsible column, lock cylinder mechanism, and steering wheel; perform necessary action. P-2				
	Adjust manual or power non-rack and pinion worm bearing preload and sector lash. P-3				
	Remove and install manual or power rack and pinion steering gear; inspect mounting bushings and brackets. P-1				
	Inspect and install manual or power rack and pinion steering gear inner tie rod ends (sockets) and bellow boots. P-1				
	Determine proper power steering fluid type; inspect fluid level and condition. P-1				
	Flush, fill, and bleed power steering system. P-2				
	Diagnose power steering fluid leakage; determine necessary action. P-2				
	Remove, inspect, install, and adjust power steering pump belt. P-1				
	Remove and reinstall power steering pump. P-3				
	Remove and reinstall power steering pump pulley; check pulley and belt alignment. P-3				
	Inspect and install power steering hoses and fittings. P-2				
	Inspect and install pitman arm, relay (centerlink/intermediate) rod, idler arm and mountings, and steering linkage damper. P-2				
	Inspect, install, and adjust tie rod ends (sockets), tie rod sleeves, and clamps. P-1				
	Test and diagnose components of electronically controlled steering systems using a scan tool; determine necessary action. P-3				
	Inspect and test non-hydraulic electric-power assist steering. P-3				
	Identify hybrid vehicle power steering system electrical circuits, service and safety precautions. P-3				

470604- Students will be able to understand, identify, and properly diagnosis and repair front suspension systems.

Deleted: 23 April, 2007

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Diagnose that suspension system noises, holy sway, and uneven riding height concerns; determine excessing section. P.1 Remove, inspect, and install upper and lower commod arms, bushings, shafts, and rebound bumpers. P.3 Remove, inspect, and install upper and or lower ball plaints. P.1 Remove, inspect, and install upper and or lower ball plaints. P.1 Remove, inspect, and install upper and or lower ball plaints. P.1 Remove, inspect, and install upper and or lower ball plaints. P.2 Remove, inspect, and install upper and or lower ball plaints. P.2 Remove, inspect, and install upper and or lower ball plaints. P.2 Remove, inspect, and install upper and or lower ball plaints. P.2 Remove, inspect, and install super and or lower ball plaints. P.2 Remove, inspect, and install super and value plaints. P.2 Remove, inspect, and install super and value understand, identify, and properly diagnosis and repair revolution mounts. P.1 Lubrical suspects and install material posterial posterial security of the plaints o					
Remove, inspect, and install upper and lower control arms, bushings, shafts, and rebond bumpers. P.3 Remove, inspect, and install upper and of lower ball joints. P.1 Remove, inspect, and install upper and of lower ball joints. P.1 Remove, inspect, and install upper and of lower ball joints. P.1 Remove, inspect, and install upper and lower control prints and spring insolutors. P.3 Remove, inspect, and install short and long arms suspension system toxion bars; inspect munits. P.3 Remove, inspect, and install short and long arms suspension system toxion bars; inspect munits. P.3 Remove, inspect, and install short and long arms suspension system toxion bars; inspect munits. P.3 Remove, inspect, and install stall short and long arms suspension system toxion bars; inspect munits. P.2 Remove, inspect, and install stall short and long arms suspension in system. P.2 Remove, inspect, and install stall short and long arms suspension in system. P.1 Lubricate supposts and specing systems. P.2 Remove, inspect, and install stall and spring installators (silencers), and upper start bearing mount. P.1 Lubricate suppost and spring installators. P.2 Remove, inspect, and install timesvere links, control arms, bushings, and mounts. P.2 Remove, inspect, and install timesvere links, control arms, bushings, and mounts. P.2 Remove, inspect, and install timesvere links, control arms, bushings, and mounts. P.2 Remove, inspect, and install start cartridge or assembly, strut coil spring, and insulators (silencers). P.2 #### Application of the stall leaf springs, leaf spring insulators (silencers), sackles, bushings, and mounts. P.3 Remove, inspect, and install start cartridge or assembly, strut coil spring, and insulators (silencers). P.2 #### Application of the stall stall start cartridge or assembly, strut coil spring, and insulators (silencers). P.2 #### Remove, inspect, and insulation stall start cartridge or assembly, strut coil spring, and insulators (silencers). P.2 #### Remove, inspect, and insulation stall start cartridge or a	Diagnose strut suspension system noises, body sway, and uneven riding height concerns; determine	Diagnose vehicle wander, drift, pull, hard steering, bump steer, memory steer, torque steer, and			
Remove, inspect, and install upper and/or lower ball joints. P-1 Remove, inspect, and install sterring knucked assemblies. P-2 Remove, inspect, and install subtrat and long arm suspension system coil springs and spring insulators. P-3 Remove, inspect, and install subtrate and adjust suspension system possion basis; inspect mounts. P-3 Remove, inspect, and install stall start carriage or assembly, strut coil spring; insulators (silencers), and upper area to be a light from and reason and sterring evaluate. P-2 **TOGH-Students will be able to understand, identify, and property diagnosis and repair mounts. P-1 Remove, inspect, and install strut carriage or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut carriage or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut carriage or assembly, strut coil spring, and insulators (silencers). P-2 **TOGH-Students will be able to understand, identify, and property diagnosis and repair miscellances services. Integrity **Productions** **TOGH-Students will be able to understand, identify, and property diagnosis and repair insulators (silencers). P-2 **TOGH-Students will be able to understand, identify, and property diagnosis and repair wheeks and digns front and reason and earlier assembly service. P-1 Check not adjust front and reason and eagles determine necessary action. P-2 Check and adjust front and reas steeling wheel. P-1 Check not adjust cartery wheel one and center seteling wheel. P-1 Check not adjust rear wheel consciously determine necessary action. P-2 Check and adjust front and reason and earlier, and adjust cartery in encessary action. P-2 Check and adjust front and reason and earlier, and install and understand, identify, and property diagnosis and upper assembly strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install str	Remove, inspect, and install upper and lower control arms, bushings, shafts, and rebound bumpers. P-3				
Remove, inspect, and install steering knuckle assemblies. P.2 Remove, inspect, and install stort and long arm suspension system coil springs and spring insulators. P.3 Remove, inspect, and install stort and long arm suspension system coil springs and spring insulators. P.3 Remove, inspect, and install struct cartridge or assembly, struct coil spring, insulators (silencers), and upper sure bearing mount. P.1 Lubricules suspension and steering systems. P.2 470604-Students will be able to understand, identify, and properly diagnosis and repair rear suspension systems. Remove, inspect, and insull struct cartridge or assembly, struct coil spring, and insulators. P.2 Remove, inspect, and insull structuring insulators. P.3 Remove, inspect, and insull structuring or assembly, struct coil spring, and insulators (silencers). P.2 1. Inspect and install structuring or assembly, struct coil spring, and insulators (silencers). P.2 2. Treat and diagnose components of electronically controlled suspension systems. P.1 Remove, inspect, and insull stock absorbers. P.1 Remove, inspect, and insull stock absorbers. P.1 Remove, inspect, and insull stort cartridge or assembly, struct coil spring, and insulators (silencers). P.2 2. Treat and diagnose components of electronically controlled suspension systems using a scan tool; determine necessary action. P.2 2. Diagnose unusual tire wear patterns; determine necessary action. P.2 2. Diagnose unusual tire wear patterns; determine necessary action. P.2 2. Diagnose unusual tire wear patterns; determine necessary action. P.2 2. Diagnose tire pull (lead) problem; determine necessary action. P.2 2.	Remove, inspect, install, and adjust strut rod (compression/tension) and bushings. P-2	Measure vehicle riding height; determine necessary action. P-1			
Remove, inspect, and install short and long arm suspension system coil springs and spring insulators. P.3 Remove, inspect, and install short and long arm suspension system torsion bars; inspect mounts. P.3 Remove, inspect, and install studies target and install studies that the string mount. P.1 Labricians expersion and steering systems. P.2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Remove, inspect, and install studies asserting systems. P.2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Remove, inspect, and install structurating or assembly, struct coil spring, and mounts. P.2 Remove, inspect, and install structurating insulators. P.3 Remove, inspect, and install structurating insulators. P.2 Label Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Label Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Label Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Label Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Label Students will be able to understand, identify, and properly diagnosis and repair 1	Remove, inspect, and install upper and/or lower ball joints. P-1	Check and adjust front and rear wheel camber; perform necessary action.P-1			
Remove, inspect, and install sabitizer bre bashings, brackets, and links. P-2 Remove, inspect, and install sabitizer bre bashings, brackets, and links. P-2 Remove, inspect, and install stabitizer bre bashings, brackets, and links. P-2 Labricate suspension and steering systems. P-2 47604-Students will be able to understand, identify, and property diagnosis and repair rear suspension systems. Remove, inspect, and install leaf springs and spring insulators. P-2 Remove, inspect, and install leaf springs, leaf spring insulators. P-2 Remove, inspect, and install leaf springs, leaf spring insulators. P-2 Remove, inspect, and install leaf springs, leaf spring insulators. P-2 Remove, inspect, and install leaf springs, leaf spring insulators. P-2 Remove, inspect, and install strut cartridge or assembly, strut coil springs, and mounts. P-3 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476644-Students will be able to understand, identify, and property diagnosis and repair inspect and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476644-Students will be able to understand, identify, and property diagnosis and repair inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476644-Students will be able to understand, identify, and property diagnosis and repair in large transport in successary action. P-2 476644-Students will be able to understand, identify, and property diagnosis and repair in large transport in successary action. P-2 Diagnose wheelther vibration, shuming and noise; determine necessary action. P-2 Diagnose wheelther vibration, shuming and noise; determine necessary action. P-2 Diagnose wheelther vibration, shuming and noise; determine necessary action. P-2 Diagnose wheelther vibration, shuming and noise; determine necessary action. P-2 Diagnose wheelther vibration, shuming and noise; determine necessary action. P-2 Diagnose wheelther vibration, shumin	Remove, inspect, and install steering knuckle assemblies. P-2	Check and adjust caster; perform necessary action. P-1			
Remove, inspect, and install stabilizer bar bushings, brackets, and links. P.2 Remove, inspect, and install struct cartridge or assembly, strut coil spring, insulators (silencers), and upper strut bearing mount. P-1 Labricate suspension and steering systems. P-2 476644-Students will be able to understand, identify, and properly diagnosis and repair rear asspension systems. Remove, inspect, and install coil springs und spring insulators. P-2 Remove, inspect, and install coil springs und spring insulators. P-2 Remove, inspect, and install coil springs und spring insulators. P-2 Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-3 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476644-Students will be able to understand, identify, and properly diagnosis and repair nounts. P-3 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476644-Students will be able to understand, identify, and properly diagnosis and repair nounts. P-1 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476644-Students will be able to understand, identify, and properly diagnosis and repair nounts. P-1 Remove, inspect, and install shock absorbers. P-1 Remove inspect, and install shock absorbers. P-1 Remove inspect, and experie or replace from or rear wheel bearings. P-1 Diagnose wheel-thire view aparterns; determine necessary action. P-2 Diagnose wheel-thire view aparterns; determine necessary action. P-2 Diagnose ire pull (lead) problem; determine necessary action. P-2 Diagnose ire pull (lead) problem; determine necessary action. P-2 Diagnose ire pull (lead) problem; determine necessary action. P-2 Diagnose ire pull (lead) problem; determine necessary action. P-2 Diagnose ire pull (lead) problem; determine necessary action. P-2 Diagnose ire pull (lead) problem; determine necessary action. P-2 D	Remove, inspect, and install short and long arm suspension system coil springs and spring insulators. P-3	Check and adjust front wheel toe and center steeling wheel. P-1			
Remove, inspect, and install strut cartridge or assembly, strut coil spring, insulators (silencers), and upper strut bearing mount. P-1 Labricaus supension and steering systems. P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Remove, inspect, and install coil springs, and spring insulators. P-2 Remove, inspect, and install transverse links, control arms, bushings, and mounts. P-3 Remove, inspect, and install leaf springs, keaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-3 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Remove, inspect, and install strut cartridge or assembly, strut coil springs, and insulators (silencers). P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Inspect and install shock absorbers. P-1 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Inspect and install shock absorbers. P-1 Remove, inspect, and install strut cartridge or assembly, strut coil springs, and insulators (silencers). P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 Inspect and install strut cartridge or assembly, strut coil springs, hackles, brackets, bushings, and mounts. P-2 Remove, inspect, and install strut cartridge or assembly, strut coil springs, hackles, brackets, bushings, and mounts. P-2 Remove, inspect, and install strut cartridge or assembly strute or assembly strute in eccessary action. P-2 Diagnose unsual fire wear patterns; determine necessary action. P-2 Diagnose in pull (lead) problem; determine necessary action. P-2 Diagnose in pull (lead) problem; determine necessa	Remove, inspect, install, and adjust suspension system torsion bars; inspect mounts. P-3	Check toe-out-on-turns (turning radius); determine necessary action. P-2			
Strub bearing mount. P-1 Lubricate suspension and steering systems. P-2 47664-Students will be able to understand, identify, and properly diagnosis and repair rear suspension systems. Remove, inspect, and install transverse links, control arms, bushings, and mounts. P-2 Remove, inspect, and install transverse links, control arms, bushings, and mounts. P-3 Remove, inspect, and install transverse links, control arms, bushings, and mounts. P-3 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476604-Students will be able to understand, identify, and properly diagnosis and repair miscellaneous services. Inspect and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 476604-Students will be able to understand, identify, and properly diagnosis and repair pair wheels and litres. Diagnose unusual tire wear patterns; determine necessary action. P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Diagnose tire according to manufacturer's recommendations. P-1 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose, an	Remove, inspect, and install stabilizer bar bushings, brackets, and links. P-2	Check SAI (steering axis inclination) and included angle; determine necessary action. P-2			
Lubricate suspension and steering systems. P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair rear suspension systems. Remove, inspect, and install coil springs and spring insulators. P-2 Remove, inspect, and install start cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Argonove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 Balance wheel and tire assembly (static or dynamic). P-1 Dismount, inspect, and remount tire on wheel, P-2 Dismount, inspect, and remount tire on wheel equipped with tire pressure sensor. P-3 Remove, inspect, and insulators (determine necessary action. P-2 Dismount, inspect, and remount tire on wheel equipped with tire pressure sensor. P-3 Remove, inspect, and insulators (determine necessary action. P-2 Dismount, inspect, and remount tire on wheel equipped with tire pressure sensor. P-3 Remove, inspect, and insulators (determine necessary action. P-2 Dismount, inspect,		Check and adjust rear wheel toe. P-1			
470604-Students will be able to understand, identify, and properly diagnosis and repair rear suspension systems. 1 2 3 4		Check rear wheel thrust angle; determine necessary action. P-1			
Remove, inspect, and install coil springs and spring insulators. P-2 Remove, inspect, and install transverse links, control arms, bushings, and mounts. P-2 Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-3 Remove, inspect, and install structridge or assembly, struct coil spring, and insulators (silencers). P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair insectlanceus services. Inspect and install shock absorbers. P-1 Remove, inspect, and install shock absorbers. P-1 Test and diagnose components of electronically controlled suspension systems using a scan tool; determine necessary action. P-3 470604-99 Students will be able to understand the importance of employability and other inspect, and remount tire on wheel equipped with tire pressure sensor. P-3 470604-99 Students will be able to understand the importance of employability and our largerity Punctuality Staying on task Productive team worker Leadership Check front cradic (subtrame) alignment; determine necessary action. P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair viseds and tires. Diagnose unusual tire wear patterns; determine necessary action. P-1 Inspect tire wibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/arie vibration, shimmy and noise; determine necessary action. P-2 Balance wheel, tire, axle, and hub runout; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose visual tire war patterns; determine necessary action. P-2 Diagnose visual tire war patterns		Check for front wheel setback; determine necessary action. P-2			
Remove, inspect, and install transverse links, control arms, bushings, and mounts. P-2 Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-3 Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-3 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Inspect and install shock absorbers. P-1 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 A70604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 4 Inspect and install shock absorbers. P-1 Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-2 A70604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 A70604-Students will be able to understand, identify, and properly diagnosis and repair 1 2 3 Balance wheel and tire assembly (static or dynamic). P-1 Diagnose tires according to manufacturer's recommendations. P-1 Measure wheel, tire, axle, and hub runout; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action. P-2 Diagnose tire pull (lead) problem; determine necessary action wheel P-2 Dismount, inspect, and remount tire on wheel equipped with tire pressure sensor. P-3 Reinstall wheel; torque lug nuts. P-1 Inspect tire and wheel assembly for air loss; perform necessary action. P-1 Repair tire using internal patch. P-1 Inspect, diagnose, and calibrate tire pressure monitoring system. P-3 The instructor must retain a copy of this Student Performance Evaluation for two years after the student has left the program. Date:		Check front cradle (subframe) alignment; determine necessary action. P-2			
Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-3 Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts. P-3 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 470604-Students will be able to understand, identify, and properly diagnosis and repair insulators (silencers). P-2 Remove, inspect, and service or replace front or rear wheel bearings. P-1 Test and diagnose components of electronically controlled suspension systems using a scan tool; determine necessary action. P-3 470604-09 Students will be able to understand the importance of employability and work habits. Integrity Punctuality Integrity Punctuality Staying on task Productive team worker Leadership Test and install shock absorbers. P-1 Inspect tires, acke, and adjust air pressure. P-1 Inspect tires, check and adjust air pressure. P-1 Inspect tires, check and adjust air pressure. P-1 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose wheel/tire vibration, shimmy and noise; determine necessary action. P-2 Diagnose unaufacturer's recommendations. P-1 Measure wheel, tire, axle, and hub runout; determine necessary action. P-2 Diagnose unaufacturer's recommendations. P-1 Measure wheel, tire, axle, and hub runout; determine necessary action. P-2 Diagnose unsual tire war patterns; determine necessary action. P-2 Diagno	Remove, inspect, and install coil springs and spring insulators. P-2				
Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, bushings, and mounts. P-3 Remove, inspect, and install leaf springs, leaf spring insulators (silencers). P-2 #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. Inspect and install shock absorbers. P-1 Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. Inspect and install leaf springs, leaf spring insulators (silencers). P-2 #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers). P-2 #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Students will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Os tudents will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Os tudents will be able to understand, identify, and properly diagnosis and repair niscellaneous services. #70604-Os tudents will be able to under	Remove, inspect, and install transverse links, control arms, bushings, and mounts. P-2				
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Student Signature: Date :		Evaluation for two years after the student has left the program.			
	Leadership	Student Signature: Date :			

Instructor Signature:-

Deleted: 23 April, 2007